Ham-Digital Digest   Mon, 26 Sep 94   Volume 94 : Issue 320

Today's Topics:
                9600 baud compatible VHF/UHF mobiles?
                      Graphic Packet in French
                              JNOS
                            KPC 9612
                      MacIntosh & Packet
your LISTSERV request "info wanted on commercial packet radio network" (6 msgs)

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 25 Sep 1994 14:40:41 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!gatech!newsxfer.itd.umich.edu!
news1.oakland.edu!chaos!ron@network.ucsd.edu
Subject: 9600 baud compatible VHF/UHF mobiles?
To: ham-digital@ucsd.edu

Phil Keys (philkeys@pt.olympus.net) wrote:
: I haven't started packet yet but I am considering buying a mobile VHF/UHF
: dual-band rig and have some questions.

: Will most rigs support 9600 baud or only those that are "data ready"?
: What features are required for reliable 9600 baud packet (max deviation)?

Most mobile rigs work fine when modified for 9600 baud packet. If nobody
has a mod for it then you can probably figure it out yourself since most
radios are designed virtually the same as the others and use the same
IC chips and the 'tap' points for 9600 are almost the same. About the

toughest radio I've seem to mod for 9600 is a Kenwood TM-731A dual-and
mobile, and mine runs just fine on both VHF and UHF at 9600. A 'data'
radio optimized for performance is better though (like a Kantronics
D4-10 or TEKK rig), but my TM-731A runs fine at a TXDelay of 8 (80 ms)
and receive people fine when they run 4 or 5. If your rig requires a
TXDelay of more than about 10 - 15 or so then look into something better.
There's no reason for anybody to run TXDelays higher than about 15.
If they need higher then there's something wrong, even an HT with a
slow squelch will work fine around 15 and under.

: Do crossband rigs offer any particular utility for packet?

Depends how packet is done around your area. If people are spread out
all over VHF and UHF, then having a dual-band is nice so you can float
around (assuming a not very well connected network). Or you can run
dual-receive and single transmit, which I've been running on and off
when I test out modems.

Another thing about dual-band radios. Seems that many, if not all, still
have both bands receiving even if you turn a subband off. I can turn on
UHF and disable VHF entirely, but the VHF receiver will actually still be
running and if I have a 9600 modem hooked up it'll still receive packet
on it.

Ron N8FOW

Date: Sun, 25 Sep 94 05:51:00 -0500
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!iat.holonet.net!wwswinc!
dave.baumwald@network.ucsd.edu
Subject: Graphic Packet in French
To: ham-digital@ucsd.edu

Jean please don't do this again! When the rest of us are trying to
scroll through messages, your program becomes a real pain in the "you
know what"   Thanks...............

Date: 23 Sep 1994 13:49:20 GMT
From: thecourier.cims.nyu.edu!longlast.cs.nyu.edu!jackson@nyu.arpa
Subject: JNOS
To: ham-digital@ucsd.edu

Two things.. I've been working on setting up JNOS and had some
questions. I stumbled across a digest version of this group
at sunsite.unc.edu:/pub/academic/agriculture/agronomy/ham/DIGITAL

don't ask me about the path, that's where it is. FTP each of the
files and you can view them with any UNIX-type mailreader (and there
are DOS-based UNIX mail readers). I printed out about seven
messages dating back to June of this year where people here answered
the same questions I have now when someone else asked them months
ago.. you might find help, too.

And secondly, I think I found out what was wrong with my TNC.
The user guide says to exit KISS mode by entering "host off" followed
by 3 control c's. AEA tech support said 3 control c's. In a
message I printed from the digest, someone mentioned the importance
of hitting the 3 control c's and *waiting a full second* for
command mode to return. That did it for me. However, later
on, my input buffer filled in the TNC, and the TNC locked. I had
to power down and kill the battery backup in the TNC.

Thanks, sunsite, for digesting this stuff.
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

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                                          +----IMPORTANT:-----+
|<-----------These 2 DEAD after 9/23/94--------->|<-starts 9/24/94-->|
|     Work                    <-- (forwarded)       |                 |
|jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu,|jacksons@cs.nyu.edu|
+------------------------------------------------+-------------------+
```

Date: 23 Sep 1994 18:33:46 GMT
From: enews.sgi.com!sgigate.sgi.com!sgiblab!swrinde!howland.reston.ans.net!
news.sprintlink.net!tequesta.gate.net!hopi.gate.net!anto@ames.arpa
Subject: KPC 9612
To: ham-digital@ucsd.edu

Kenneth E. Harker (Kenneth.E.Harker@Dartmouth.Edu) wrote:
: In article <rsnyder-1709942112270001@wintermute.motown.ge.com>
: rsnyder@astro.ge.com (Bob Snyder) writes:

: > > Does this TNC support the 9600 baud and 1200 baud Pacsats?
: >
: > Not sure, haven't got that far yet. :-)

: The 9612 has an FSK (Frequency Shift Keying) modem in it, which is what
: all terrestrial stations use, as well as _some_ pacsats. Some other
: pacsats use PSK (Phase Shift Keying). The KPC-9612 does not have a
: modem disconnect header feature, so you cannot add a PSK modem to the

: KPC-9612 to connect to these pacsats. I'm hoping a future version of
: the KPC-9612 will fix this.

Correct me if I'm wrong but all 9600 baud pacsats use FSK and the 1200
baud pacsats use PSK.

: The AEA PK-96, however, does allow you to connect a PSK modem to it,
: and should be "compatible" with all the pacsats.

Does the AEA PK-96 support 1200 baud also?

: ---
: ===
: Kenneth E. Harker '95   Internet: kenneth.e.harker@dartmouth.edu
:   N1PVB   Amateur Packet Radio: n1pvb@w1et.nh.usa.na
:   (603) 643-5716   http://mmm.dartmouth.edu/pages/iago/iago.home.html
: ===

--
Nigel Kirlew, N4TKC
anto@gate.net

Date: Sun, 25 Sep 94 11:34:56 -0500
From: news.delphi.com!usenet@uunet.uu.net
Subject: MacIntosh & Packet
To: ham-digital@ucsd.edu

Robert Lakin <robertl@freenet3.scri.fsu.edu> writes:

>Is there anyone out there who uses a "mac" for their packet station.
>I need recommendations for software and hardware. Any comments about
>the best equipment or personal experiences would be greatly
>appreciated.

I run a Mac on packet at my home QTH. I use a KPC-3 (around $90) and
the Z-Term comm program, which is the same program I use for the land-
line modem. I started out using the comm. program from claris works
and it works well, also. I also use my mac to decode WEFAX, which
is kinda cool, also.
73's
N0UJT

Date: 25 Sep 94 15:36:42 GMT
From: news-mail-gateway@ucsd.edu

Subject: your LISTSERV request "info wanted on commercial packet radio network"
To: ham-digital@ucsd.edu

File on does not exist.

Date: 25 Sep 94 15:36:45 GMT
From: news-mail-gateway@ucsd.edu
Subject: your LISTSERV request "info wanted on commercial packet radio network"
To: ham-digital@ucsd.edu

File radio does not exist.

Date: 25 Sep 94 15:36:40 GMT
From: news-mail-gateway@ucsd.edu
Subject: your LISTSERV request "info wanted on commercial packet radio network"
To: ham-digital@ucsd.edu

File wanted does not exist.

Date: 25 Sep 94 15:36:44 GMT
From: news-mail-gateway@ucsd.edu
Subject: your LISTSERV request "info wanted on commercial packet radio network"
To: ham-digital@ucsd.edu

File packet does not exist.

Date: 25 Sep 94 15:36:43 GMT
From: news-mail-gateway@ucsd.edu
Subject: your LISTSERV request "info wanted on commercial packet radio network"
To: ham-digital@ucsd.edu

File commercial does not exist.

Date: 25 Sep 94 15:36:47 GMT
From: news-mail-gateway@ucsd.edu
Subject: your LISTSERV request "info wanted on commercial packet radio network"
To: ham-digital@ucsd.edu

File network does not exist.